

Converting Colors

CIELCh(72, 16.692, 325.343)

Have a look what the booklet for
CIELCh(72, 16.692, 325.343)
contains.

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Color

CIELCh(72, 16.469, 325.128)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9C2
RGB	194, 169, 194
RGB Percent	76%, 66%, 76%
CMY	0.2398, 0.3378, 0.2398
CMYK	0.00, 0.13, 0.00, 0.24
HSL	300°, 17%, 71%
HSV	300°, 13%, 76%
XYZ	46.0910, 43.6590, 56.9484
YIQ	179.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

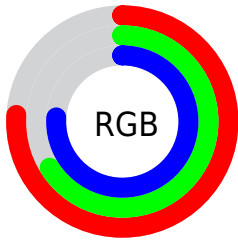
Format	Color
RYB	194, 169, 194
Decimal	12757442
CIELab	72.00, 13.51, -9.42
CIELCh	72, 16.469, 325.128
Yxy	43.6590, 0.3142, 0.2976
Android (android.graphics.Color)	4290947522 (0xFFC2A9C2)
YUV	179.3250, 7.2348, 12.8700
Hunter-Lab	66.0750, 8.8825, -4.8481

Details

The CIELCh color $72, 16.469, 325.128$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 16.448, 143.681$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.509, 326.030$, and $52, 16.110, 325.301$ is the 20% darker color. If you saturate the color by 10%, you get $67, 29.308, 325.676$, and if you desaturate by 10%, it is $77, 3.676, 324.531$.

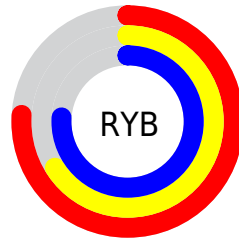
Distribution



Red (76%)

Green (66%)

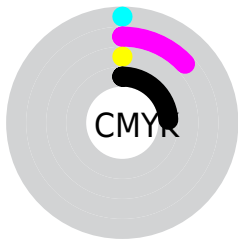
Blue (76%)



Red (76%)

Yellow (66%)

Blue (76%)

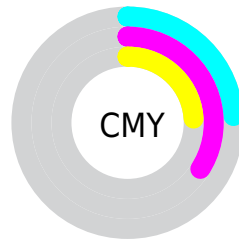


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.469, 325.128 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 16.469, 325.128 by changing the saturation by 10% instead.


 72, 16.469,
325.128


 72, 16.469,
325.128


 100, 16.469,
325.128


 62, 16.469,
325.128


 92, 16.469,
325.128

 52, 16.469,
325.128

 42, 16.469,
325.128

 32, 16.469,
325.128

 22, 16.469,
325.128

 12, 16.469,
325.128

 2, 16.469, 325.128

■ 0, 16.469, 325.128

■ 72, 16.469,
325.128

■ 72, 16.469,
325.128

■ 67, 29.308,
325.676

■ 77, 3.676, 324.531

■ 82, 8.912, 144.091

■ 63, 41.974,
326.205

■ 87, 21.206,
143.553

■ 59, 54.149,
326.701

■ 92, 33.152,
143.047

■ 55, 65.426,
327.150

■ 95, 38.335,
142.832

■ 52, 75.329,
327.534

■ 95, 38.335,
142.832

■ 49, 83.377,
327.839

■ 95, 38.335,

■ 48, 89.192,
328.056

142.832

■ 47, 92.638,
328.182

■ 95, 38.335,
142.832

■ 46, 94.025,
328.232

■ 95, 38.335,
142.832

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 16.469, 325.128



76, 16.448, 143.681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 16.469, 325.128



72, 16.469, 15.128



72, 16.469, 145.128



72, 16.469, 195.128

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 16.467, 325.128



97, 6.301, 324.614



70, 13.471, 290.888



52, 4.516, 324.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 16.467, 325.128



90, 23.763, 325.258



72, 11.758, 343.802



38, 7.226, 324.930



38, 81.806, 328.232



4, 24.213, 326.359

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 9.659, 20.201



89, 14.053, 20.395



76, 11.580, 161.723



38, 4.188, 19.920



33, 73.727, 39.723



3, 13.999, 19.405

Previews

White Background



This preview shows how the CIELCh color 72, 16.469, 325.128 looks on a white background.

Color Contrast Check

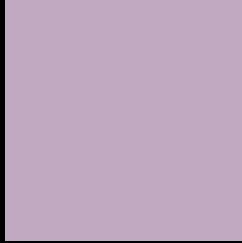
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 16.469, 325.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

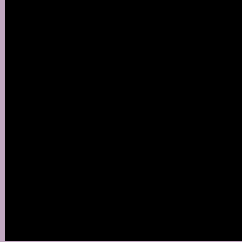
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.469, 325.128

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.469, 325.128.



This preview shows how white text looks on a background with the CIELCh color 72, 16.469, 325.128.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72, 16.469, 325.128

Protanopia

72, 12.541, 288.166

Deuteranopia

72, 12.590, 315.106



Tritanopia
72, 10.599, 338.531

Trichromacy



Original Color
72, 16.469, 325.128

Protanomaly
72, 12.913, 304.230

Deuteranomaly
72, 13.736, 319.845

Tritanomaly
72, 13.035, 331.870

Monochromacy



Original Color
72, 16.469, 325.128

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 5.961, 324.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.469, 325.128 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.469, 325.128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 169, 194) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 169, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.469, 325.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
169, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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